

Certainteed Technical Specifications

SA-N-2-S

Consult CertainTeed General Recommendations for noted section references.

SYSTEM DESCRIPTION:

Base sheet and an SA modified cap sheet.

SUBSTRATE:

- Nailable (mechanically attached, Sec. 3.0)
- Re-cover (Sec. 5.0)

MAXIMUM SLOPE: Up to 6" : 12" (Sec. 15.3)

ROOF ASSEMBLY:

Base sheet mechanically attached to approved substrate (Sec. 15.0).

Flintlastic SA modified cap sheet self-adhered (Sec. 10.0).

FINAL SURFACING:

For optional surfacing, see Section 14.0.

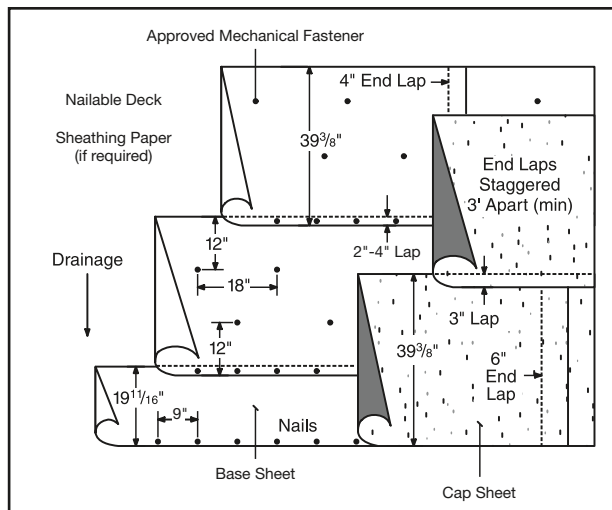
FLASHING ASSEMBLY:

- **Standard.** Over a base sheet or bonded to a primed substrate. One-ply of Flintlastic modified cap sheet, per CT detail.
- **Premium.** Over a base sheet or bonded to a primed substrate, one smooth and one granulated modified membrane flashing, per CT detail.
- **Premium alternate.** Over a base sheet or bonded to a primed substrate. One smooth modified membrane and CT SmartFlash, per CT detail.

SUMMARY OF MATERIALS:

Base Sheet (1 ply)

Cap Sheet (1 ply)



SEE WARRANTY SELECTION CHART

BASE SHEETS:

(one of the following)

- SA NailBase

CAP SHEETS:

(one of the following)

- Flintlastic SA Cap*
- Flintlastic SA Cap FR*

* Available with CoolStar reflective granules

Cants: In angles of roof deck and vertical surfaces, the roofing contractor shall furnish and install an approved cant strip with a minimum 3" face.

SYSTEM DESCRIPTION:

Base sheet, one interply sheet and an SA modified cap sheet.

SUBSTRATE:

- Nailable (mechanically attached, Sec. 3.0)
- Re-cover (Sec. 5.0)

MAXIMUM SLOPE: Up to 6" : 12" (Sec. 15.3)

ROOF ASSEMBLY:

Base sheet mechanically attached to approved substrate (Sec. 15.0).

Interply sheet self-adhered (Sec. 10.0).

Flintlastic SA modified cap sheet self-adhered (Sec. 10.0).

FINAL SURFACING:

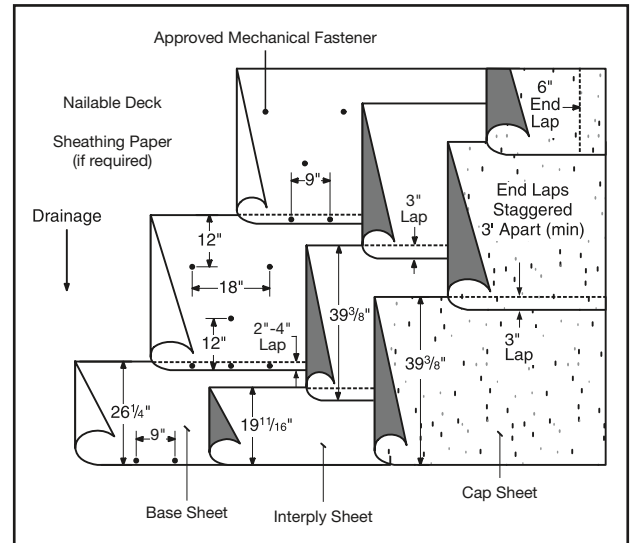
For optional surfacing, see Section 14.0.

FLASHING ASSEMBLY:

- **Standard.** Over a base sheet or bonded to a primed substrate. One-ply of Flintlastic modified cap sheet, per CT detail.
- **Premium.** Over a base sheet or bonded to a primed substrate. One smooth and one granulated modified membrane flashing, per CT detail.
- **Premium alternate.** Over a base sheet or bonded to a primed substrate. One smooth modified membrane and CT SmartFlash, per CT detail.

SUMMARY OF MATERIALS:

Base sheet (1 ply)
Interply sheet (1 ply)
Cap sheet (1 ply)



SEE WARRANTY SELECTION CHART

BASE SHEETS:

(one of the following)

- SA NailBase

INTERPLY SHEETS:

(one of the following)

- SA PlyBase
- SA MidPly

CAP SHEETS:

(one of the following)

- Flintlastic SA Cap*
- Flintlastic SA Cap FR*

* Available with CoolStar reflective granules

Cants: In angles of roof deck and vertical surfaces, the roofing contractor shall furnish and install an approved cant strip with a minimum 3" face.

FLINTLASTIC® SA NAILBASE

SBS MODIFIED BITUMEN NAILBASE SHEET FOR SA ROOF SYSTEMS

Product Information



Product Use: FLINTLASTIC SA NailBase is designed for use as a base sheet in self-adhering roofing systems. It is suitable for use in the construction of various types of membranes for both new construction and reroofing, over a variety of substrates. Flintlastic SA NailBase permits complete mechanical attachment to nailable substrates, preserving the integrity of the substrate for future tear-offs and adding additional waterproofing performance capabilities to the overall system.

Limitations: When using FLINTLASTIC SA NailBase, particular attention must be paid to storage and handling, deck preparation, slope and drainage, and application requirements to assure a successful installation and long-term performance.

Product Composition and Features: FLINTLASTIC SA NailBase is manufactured on a durable, high quality fiber glass mat that receives a coating of modified bitumen compound. The top surface contains a permanent blue film that must not be removed. The back surface is finished with a mineral release agent.

Roll Dimensions: 39³/₈" x 64'6"
Coverage: Two squares
Approximate Weight: 82 lbs.
Top Surface: Permanent film
Bottom Surface: Sand

Applicable Standards: Meets ASTM D4601, Type II and CGSB 37 GP-56M Type 2b, Class C, Grade 1. FLINTLASTIC SA NailBase is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388) Miami-Dade, Florida Building Code Statewide Approval (FL 2533), and Texas Department of Insurance (RC-47). Certain SA Systems are UL Classified as to impact resistance as described in the UL *Roofing Materials & Systems Directory* (TGFU).

Technical Data

The following information represents typical average properties of FLINTLASTIC SA NailBase:

Test Description	Test Method	Results*
Thickness:	ASTM D5147	1.5mm (60 mils)
Tensile Strength:	ASTM D5147 @ 73°F MD/XD	65/40 lbs./in.
Elongation:	ASTM D5147 @ 73°F MD/XD	6.0%/5.0%
Packaging:	Palletized, Bands (20 rolls per pallet)	

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.

Installation

Refer to the CertainTeed Commercial Roof Systems Manual for complete product installation details and requirements. Below is a general guideline:

Deck Preparation: CertainTeed recommends the use of FLINTLASTIC SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of FLINTLASTIC SA PlyBase or FLINTLASTIC SA Mid Ply followed by FLINTLASTIC SA Cap provided the deck is thoroughly primed using FLINTLASTIC SA Primer. It should be noted without the use of a nailable base sheet the membrane may be difficult to remove if removal is ever warranted, and certain UL listings for the product may not apply.

Product Application

Nailable Substrates: Use standard nailing patterns and CertainTeed approved fasteners for attachment to nailable decks. Overlap sidelaps 3" and endlaps 4". Nail base sheet every 9" o.c. on side laps and every 18" o.c. in 2 staggered rows in from each edge. Permanent top surface film is left in place.

Precautions

Do not attempt application if ice, snow, moisture or dew are present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50° F or above. Do not attempt installation on roofs without adequate slope and drainage.

Storage and Handling

SA rolls must be stored above ground, indoors, protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.

Warranties

CertainTeed offers a limited material Roof Membrane Warranty on FLINTLASTIC SA roof membrane. Contact your nearest CertainTeed office for additional information and requirements.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application guidelines for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed's Technical Support at 800-396-8134 x2.

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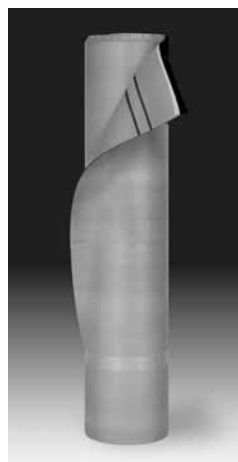
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Code No. COMM-166

FLINTLASTIC® SA MID PLY

SELF-ADHERING SBS MODIFIED BITUMEN MID PLY FOR SA ROOF SYSTEMS

Product Information



Product Uses: FLINTLASTIC SA MID PLY is designed for use as a mid ply in multi-ply self-adhered systems. It is suitable for use in the construction of various roof membrane assemblies over a variety of substrates. It is intended for use over FLINTLASTIC SA NailBase, FLINTLASTIC SA PlyBase or directly self-adhered to suitable substrates.

Product Composition and Features: FLINTLASTIC SA MID PLY is manufactured using a high performance, heavyweight fiber glass mat, impregnated and coated with a superior grade of modified bitumen compound. It is surfaced on the bottom with a removable release film and on the top with a permanent film.

Roll Dimensions:	39 $\frac{3}{8}$ " x 32'1"
Coverage:	One square
Approximate Weight:	62 lbs.
Top Surface:	Permanent film
Back Surface:	Removable release film
Packaging:	Individual cartons (20 rolls per pallet)

Applicable Standards: Meets ASTM D6163, Grade S, Type I, D1970 and CGSB 37 GP-56M Type 2a, Class C, Grade 1. FLINTLASTIC SA MID PLY is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388), Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533), and Texas Department of Insurance (RC-47).

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with elastomeric, styrene-butadiene-styrene (SBS) polymer.

Support Mat: Wet process fiber glass mat.

Technical Data

Test Description	Test Method	Results*
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	70/50 lbs./in.
	@ 0 +/- 3.6°F MD/XD	190/115 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	10%/5%
	@ 0 +/- 3.6°F MD/XD	4%/4%
Dimensional Stability:	ASTM D5147	<0.1%
Low Temperature Flex:	ASTM D5147	Pass @ 0°F
Thickness:	ASTM D5147	2.8 mm (110 mils)
Tear Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	115/105 lbs.

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.

Product Application

Apply to FLINTLASTIC SA NailBase, PlyBase, or suitable primed substrate overlapping sidelaps 2" and endlaps 6". Work with lengths of FLINTLASTIC SA Mid Ply appropriate for proper handling. Position and align cut lengths of Mid Ply, staggering laps from the underlying base a minimum of 18" and offsetting endlaps 36". Once positioned, fold back the membrane halfway lengthwise and remove the release film, then ease back into place. Or, lift the end of the membrane and pull the split release film out as you walk the length of the membrane. Repeat release film removal procedure with other side of membrane. Cut opposing corners of endlaps diagonally to minimize "T" seam joints and seal using FlintBond™ SBS modified bitumen adhesive, trowel or caulk grade. Use a heavy, weighted roller to smooth and secure the membrane. Apply a bead of FlintBond adhesive to sidelaps and endlaps. Permanent top surface film is left in place.

Precautions: FLINTLASTIC SA MID PLY must be applied as part of a self-adhered system. It is not intended for use with hot asphalt, cold adhesives or torch-down applications. Rolls should be stored upright, off ground, in their packaging cartons, completely protected from the weather. Rolls that have been improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond. Roof decks shall be structurally sound, dry and smooth, and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Don't attempt application if ice, snow, moisture or dew is present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Don't attempt installation on roofs without adequate slope and drainage. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Manual.

Warranties

CertainTeed offers a limited material Roof Membrane Warranty on FLINTLASTIC SA roof membrane. Contact your nearest CertainTeed office for additional information and requirements.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application techniques for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed's Customer Support at 800-396-8134 x2.

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Consumer: 800-782-8777

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Code No. COMM-168



Product Information

FLINTLASTIC® SA CAP SHEET

SELF-ADHERING SBS MODIFIED BITUMEN CAP SHEET FOR SA ROOF SYSTEMS

Product Use: FLINTLASTIC SA CAP is designed for use as a cap sheet in multi-ply self-adhered systems. It is suitable for use in the construction of various roof membrane assemblies over a variety of substrates. It is intended for use over FLINTLASTIC SA NailBase, FLINTLASTIC SA PlyBase or FLINTLASTIC SA MID PLY.

Product Composition and Features: FLINTLASTIC SA CAP is manufactured using a high performance, non-woven polyester/fiber glass scrim combination mat, impregnated and coated with a superior grade of modified bitumen compound. It is surfaced on the bottom with a removable release film and on the top with mineral granules. The combination mat provides excellent tear and puncture resistance.

Roll Dimensions:	39 $\frac{3}{8}$ " x 32'11"
Coverage:	One square
Approximate Weight:	95 lbs.
Top Surface:	Mineral granules
Back Surface:	Removable release film
Packaging:	Individual cartons (20 rolls per pallet)

Applicable Standards: Meets ASTM D6164, Grade G, Type I, D7505 and CGSB 37 GP-56M Type 1a, Class A, Grade 1. FLINTLASTIC SA CAP is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388), Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533), and Texas Department of Insurance (RC-47). FLINTLASTIC SA CAP White is an approved ENERGY STAR® product for slopes greater than 2"/12". Initial Solar Reflectance: 0.27; Aged Solar Reflectance: 0.24; Thermal Emittance: 0.89. FLINTLASTIC SA CAP White is also approved by the Cool Roof Rating Council (CRRCC). The CRRCC product code ID is 0668-0018.



Technical Data

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with elastomeric styrene-butadiene-styrene (SBS) polymer.

Support Mat: A high performance, puncture and tear resistant, non-woven polyester and fiber glass scrim combination mat.

Test Description	Test Method	Results*
Solar Reflectance Index (SRI):	ASTM E1980	28.0
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	85/65 lbs./in.
	@ 0 +/- 3.6°F MD/XD	115/90 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	60%/65%
	@ 0 +/- 3.6°F MD/XD	40%/40%
Dimensional Stability:	ASTM D5147	0.5%
Low Temperature Flex:	ASTM D5147	Pass @ 0°F
Thickness:	ASTM D5147	4.0mm (160 mils)
Tear Strength:	@ 73.4 +/- 3.6°F MD/XD	120/95 lbs.

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.

Product Application

Installation: Apply to Flintlastic SA NailBase, PlyBase and/or FLINTLASTIC SA MID PLY working with lengths of membrane appropriate for proper handling and the same installation procedure as described for FLINTLASTIC SA MID PLY. Overlap sidelaps 3" and endlaps 6". Selvage edge with release strip is provided on Flintlastic SA Cap; position roll with selvage edge at the high side of the roof. Once the first cap sheet membrane length is in place remove the top, sidelap release film before overlapping the second length of FLINTLASTIC SA CAP Sheet. Stagger sidelaps of FLINTLASTIC SA CAP a minimum of 18" from those of the underlying FLINTLASTIC SA MID PLY, and be certain endlaps are also staggered minimum 36". At endlaps (or any overlap onto mineral surface), use trowel grade FlintBond modified bitumen adhesive uniformly in a 1/16" to 1/8" layer wherever an overlap exists to ensure an adequate bond. Cut opposing corners of endlaps diagonally to avoid "T" seam joints. Use a heavy, weighted roller to smooth and secure the membrane.

Deck Preparation: CertainTeed recommends the use of FLINTLASTIC SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of FLINTLASTIC SA PlyBase or FLINTLASTIC SA MID PLY followed by FLINTLASTIC SA CAP provided the deck is thoroughly primed using FLINTLASTIC SA Primer. It should be noted without the use of a nailable base sheet the membrane may be difficult to remove if removal is ever warranted, and certain UL listings for the product may not apply.

Precautions: FLINTLASTIC SA CAP must be applied as part of a self-adhered system. It is not intended for use with hot asphalt, cold adhesives, or torch-down applications. Rolls should be stored upright, off ground, in their packaging cartons, completely protected from the weather. Rolls that have been improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond. Roof decks shall be structurally sound, dry and smooth, and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Don't attempt application if ice, snow, moisture or dew is present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Don't attempt installation on roofs without adequate slope and drainage. Additional specifications and precautions are contained in the CertainTeed Roof Systems Manual.

Storage and Handling

SA rolls must be stored above ground, indoors, protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.

Warranties

CertainTeed offers a limited material Roof Membrane Warranty on FLINTLASTIC SA roof membrane. Contact your nearest CertainTeed office for additional information and requirements.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application guidelines for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region.

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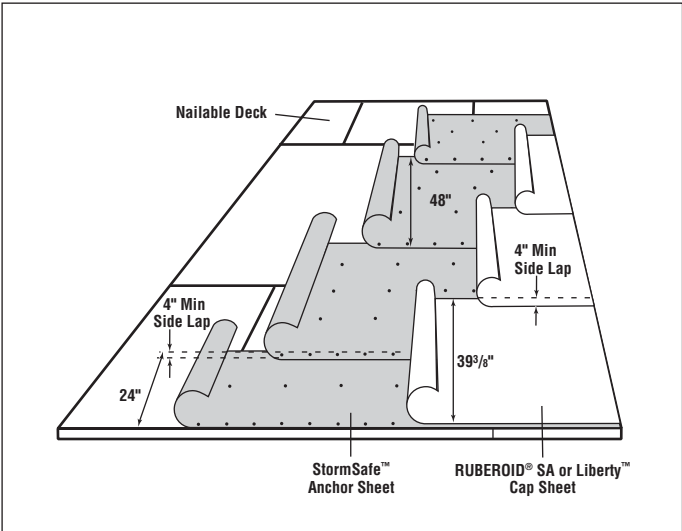
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Code No. COMM-169

GAF

Technical Specifications

TWO (2) PLY RUBEROID® SA or LIBERTY™ SBS SELF-ADHERING SYSTEM NAILABLE DECK



GENERAL
 Safety: Refer to Section 1.06.
 DO NOT BEGIN INSTALLATION
 UNTIL THIS INFORMATION IS READ,
 UNDERSTOOD AND IMPLEMENTED.

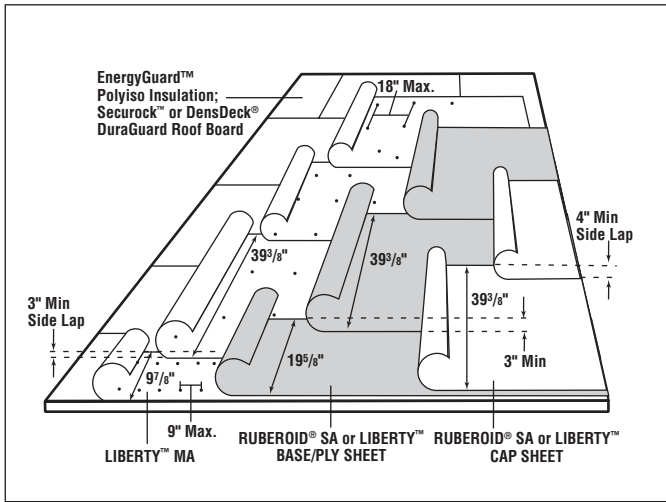
MATERIALS

Material Requirements per 100 sq. ft.:
 Matrix™ 201 Flashing Cement. as required
 Liberty™ MA Base Sheet. 1 Ply
 RUBEROID® SA or Liberty™ Cap Sheet 1 Ply

10 YEAR DIAMOND PLEDGE AND SYSTEM PLEDGE GUARANTEE SPECIFICATION

SPEC#	BOTTOM SHEET ATTACHMENT	MECH. ATTACHED BASE SHEET	CAP
N-1-1-RC	NAILED	LIBERTY™ MA BASE	RUBEROID® SA CAP
N-1-1-RCFR	NAILED	LIBERTY™ MA BASE	RUBEROID® SA CAP FR
N-1-1-LC	NAILED	LIBERTY™ MA BASE	LIBERTY™ CAP

THREE (3) PLY RUBEROID® SA or LIBERTY™ SBS SELF-ADHERING SYSTEM NAILABLE DECK



GENERAL
 Safety: Refer to Section 1.06.
 DO NOT BEGIN INSTALLATION
 UNTIL THIS INFORMATION IS READ,
 UNDERSTOOD AND IMPLEMENTED.

MATERIALS
 Material Requirements per 100 sq. ft.:
 Matrix™ 201 Flashing Cement. . . .as required
 Liberty™ MA Base Sheet. . . . 1 Ply
 RUBEROID® SA or
 Liberty™ Base/Ply Sheet. . . . 1 Ply
 RUBEROID® SA or
 Liberty™ Cap Sheet. 1 Ply

12 YEAR DIAMOND AND SYSTEM PLEDGE GUARANTEE SPECIFICATIONS: RECOVER

SPEC#	BOTTOM SHEET ATTACHMENT	MECH. ATTACHED BASE SHEET	BASE/ INTERPLY	CAP
N-1-2-RC	NAILED	LIBERTY™ MA BASE	RUBEROID® SA BASE/PLY	RUBEROID® SA CAP
N-1-2-RCFR	NAILED	LIBERTY™ MA BASE	RUBEROID® SA BASE/PLY	RUBEROID® SA CAP FR
N-1-2-LC	NAILED	LIBERTY™ MA BASE	LIBERTY™ BASE/PLY	LIBERTY™ CAP

Liberty™ MA Mechanically Attached Base Sheet

Data Sheet

Updated: 1/10



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LIBERTY™ MA

MECHANICALLY ATTACHED BASE SHEET

Description

Liberty™ MA Mechanically Attached Base Sheet is a durable, modified bitumen membrane designed and manufactured to meet industry and code requirements. The product is designed for use as a base membrane for self-adhered roof systems and is reinforced with mat, which is coated with a polymer-modified asphalt. Liberty™ MA Mechanically Attached Base Sheet is approved with a proprietary film surface that assures a good bond for self-adhered membranes. System guarantees are available for up to 20 years. Liberty™ Systems are applied without torches, open flames, hot asphalt, or messy solvent-based adhesives and are suitable for primed for many substrates. Technical and Sales information can be obtained through the GAFMC Contractor Services Hotline, (800) 766-3411.



Application

Liberty™ MA Mechanically Attached Base Sheet should be applied to a plywood deck or other nailable surfaces and mechanically fastened using Drill•Tec™ Screws according to applicable specifications.

Applicable Standards

Meets ASTM D6163, Type I
FM Approved
ICC Pending
Miami-Dade County Product Control Approval
UL/ULC Listed

Products Specifications (nominal)

Roll Size	2 squares (216.6 gross sq.ft.) (20.1m²)
Roll Length	66' (20.1m)
Roll Width	39.375" (1.0m)
Approx. Roll Weight	82 lbs (37.2kg)
Product Thickness	0.068" (1.73mm)

This product meets or exceeds the following ASTM D6163, Type I, minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0°F (min), lbf/in	ASTM D5147	70
Elongation @ 0°F (nom.), %	ASTM D5147	1
Low Temperature Flexibility (max.), °F	ASTM D5147	0
Tear Strength (min), lbf	ASTM D5147	35
Dimensional Stability, (max) %	ASTM D5147	0.5

Data reported based on available independent and in-house resources. GAFMC reserves the right to change or modify, at its discretion, and without prior notice, any of the information, requirements, specifications or policies contained in this document.

Liberty™ SBS Self-Adhering Base/Ply Sheet

Data Sheet

Updated: 1/10



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LIBERTY™

SBS SELF-ADHERING BASE/PLY SHEET

Description

Liberty™ SBS Self-Adhering Base/Ply Sheet is a durable, modified bitumen membrane designed and manufactured to meet industry and code requirements. The product is designed for use as a water-proofing membrane and is reinforced with a glass mat, which is coated with a polymer-modified asphalt. Liberty™ SBS Self-Adhering Base/Ply Sheet is a self-adhering roofing membrane designed for use with Liberty™ SBS Self-Adhering Cap Sheet or Liberty™ SBS Self-Adhering Cap FR Sheet to provide long-lasting protection for the low-slope areas of your property. System guarantees are available for up to 20 years. Liberty™ Systems are applied without torches, open flames, hot asphalt, or messy solvent-based adhesives and are suitable for primed plywood decks and many other substrates.

Technical and Sales information can be obtained through the GAFMC Contractor Services Hotline, (800) 766-3411.

Application

Liberty™ SBS Self-Adhering Base/Ply Sheet is applied using its unique self-adhering formulation.

Applicable Standards

Meets ASTM D6163, Type I
FM Approved
ICC Pending
Miami-Dade County Product Control Approval
UL/ULc Listed

Products Specifications (nominal)

Roll Size	2 squares (216.6 gross sq.ft.) (20.1m ²)
Roll Length	66' (20.1m)
Roll Width	39.375" (1.0m)
Approx. Roll Weight	82 lbs (37.2kg)
Product Thickness	0.07" (1.73mm)

This product meets or exceeds the following ASTM D6163, Type I, minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0°F (min), lbf/in	ASTM D5147	70
Elongation @ 0°F (nom.), %	ASTM D5147	1
Low Temperature Flexibility (max.), °F	ASTM D5147	0
Tear Strength (min), lbf	ASTM D5147	35
Dimensional Stability, (max) %	ASTM D5147	0.5

Data reported based on available independent and in-house resources. GAFMC reserves the right to change or modify, at its discretion, and without prior notice, any of the information, requirements, specifications or policies contained in this document.



Liberty™ SBS Self-Adhering Cap Sheet

Data Sheet

Updated: 1/10



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LIBERTY™

SBS SELF-ADHERING CAP SHEET

Description

Liberty™ SBS Self-Adhering Cap Sheet is a durable, modified bitumen membrane designed and manufactured to meet industry and code requirements. The product is designed for use as a waterproofing membrane and is reinforced with a polyester mat, which is coated with a polymer-modified asphalt. Liberty™ SBS Self-Adhering Cap Sheet is a granule-surfaced roofing membrane designed to be used with Liberty™ SBS Self-Adhering Base/Ply or Liberty™ MA Mechanically Attached Base Sheet to provide long-lasting protection for the low-slope areas of your property. System guarantees are available for up to 20 years. Liberty™ Systems are applied with out torches, open flames, hot asphalt, or messy solvent-based adhesives and are suitable for primed plywood decks and many other substrates. Technical and Sales information can be obtained through the GAFMC Contractor Services Hotline, (800) 766-3411.

Application

Liberty™ SBS Self-Adhering Cap Sheet is applied to approved substrates using its unique self-adhering formulation.

Applicable Standards

Meets ASTM D6164, Type I
FBC
FM Approved
Meets CGSB-37-GP-56M
ICC Pending
Miami-Dade County Product Control Approval
State of Florida Product Approval
Texas Department of Insurance
UL/ULc Listed

Products Specifications (nominal)

Roll Size	1 square (111.6 gross sq.ft.) (10.4m²)
Roll Length	34.0' (10.4m)
Roll Width	39.375" (1.0m)
Approx. Roll Weight	96.4 lbs (43.7kg)
Product Thickness	0.157" (4mm)

This product meets or exceeds the following ASTM D6164, Type I, minimum requirements:

Property	Test Method	Value
Tensile Strength @ 0°F (min), lbf/in	ASTM D5147	70
Elongation @ 0°F (nom.), %	ASTM D5147	20
Low Temperature Flexibility (max.), °F	ASTM D5147	0
Tear Strength (min), lbf	ASTM D5147	55
Dimensional Stability, (max) %	ASTM D5147	1

Data reported based on available independent and in-house resources. GAFMC reserves the right to change or modify, at its discretion, and without prior notice, any of the information, requirements, specifications or policies contained in this document.

